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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/519,952	07/15/2005	Jae-Wan Oh	3576-061	7368	
83219 HOSOON LEE	7590 02/13/200	9	EXAMINER		
	ST. SUITE 525		ZHENG, LOIS L		
TIGARD, OR 9	77223		ART UNIT	PAPER NUMBER	
			1793		
			MAIL DATE	DELIVERY MODE	
			02/13/2009	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)	
	10/519,952	OH, JAE-WAN	
Notice of Allowability	Examiner	Art Unit	
	LOIS ZHENG	1793	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet was (OR REMAINS) CLOSED or other appropriate community (IGHTS). This application is a and MPEP 1308.	rith the correspondence address in this application. If not included nunication will be mailed in due cours	se. THIS
1. This communication is responsive to <u>amendment after final</u>	<u>al filed 10 December 2008</u> .		
2. The allowed claim(s) is/are <u>1,2,4-6 and 8-15</u> .			
 3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Applica	ion No	rom the
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm	MENT of this application. nitted. Note the attached Ex	(AMINER'S AMENDMENT or NOTIC	
INFORMAL PATENT APPLICATION (PTO-152) which giv 5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		
(a) including changes required by the Notice of Draftspers	-	ew (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date (b) hincluding changes required by the attached Examiner Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1)	's Amendment / Comment		c) of
each sheet. Replacement sheet(s) should be labeled as such in			,
DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			he
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Paper No 7. ☒ Examiner 8. ☒ Examiner 9. ☐ Other	nformal Patent Application Summary (PTO-413), ./Mail Date s Amendment/Comment s Statement of Reasons for Allowand	ce
	/Roy King/ Supervisory P	atent Examiner, Art Unit 1793	

Art Unit: 1793

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Hosoon Lee on 10 February 2009.

The application has been amended as follows:

1. (Currently Amended) A powder fabricating apparatus comprising:

a barrel wherein an inlet and an outlet are formed at both opposite ends thereof, respectively;

a screw which is rotationally mounted in the barrel and by which reactant supplied from the inlet moves toward the outlet;

a driving portion for causing the relative rotational motion between the screw and the barrel;

are mounted in predetermined zones, and said controller controls said reaction control

reaction control means for controlling reaction conditions of the reactant which

moves in the barrel to induce a chemical reaction of the reactant, wherein said reaction

control means comprises an electron supply device for applying electrons into the barrel

using the barrel and the screw as electrodes for reduction of the reactant; and

a controller for controlling the driving portion and the reaction control means;

wherein said barrel is separated into plural zones, said reaction control means

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means independently at each zone so that the reaction condition of the reactant is independently controlled in each zone.

Additional claim amendments include:

Cancel claim 7.

Amend claim 8 to depend on claim 1 instead of claim 7.

2. The following is an examiner's statement of reasons for allowance:

The prior art of record does not teach or fairly suggest, either alone or in combination, the claimed powder fabricating apparatus comprising a barrel having an inlet and an outlet, a screw, a driving portion, a reaction control means and a controller arranged in the claimed fashion, wherein the reaction control means comprises an electron supply device for applying electrons into the barrel using the barrel and the screw as electrodes for reduction of the reactant as claimed, and wherein the barrel is separated into multiple zones and the reaction control means mounted in each zone are independently controlled by the controller to independently control the reaction condition in each zone.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LOIS ZHENG whose telephone number is (571)272-1248. The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King can be reached on (571) 272-1244. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Roy King/ Supervisory Patent Examiner, Art Unit 1793